



U R B A N D I S T R I C T O F P E N A R T H .

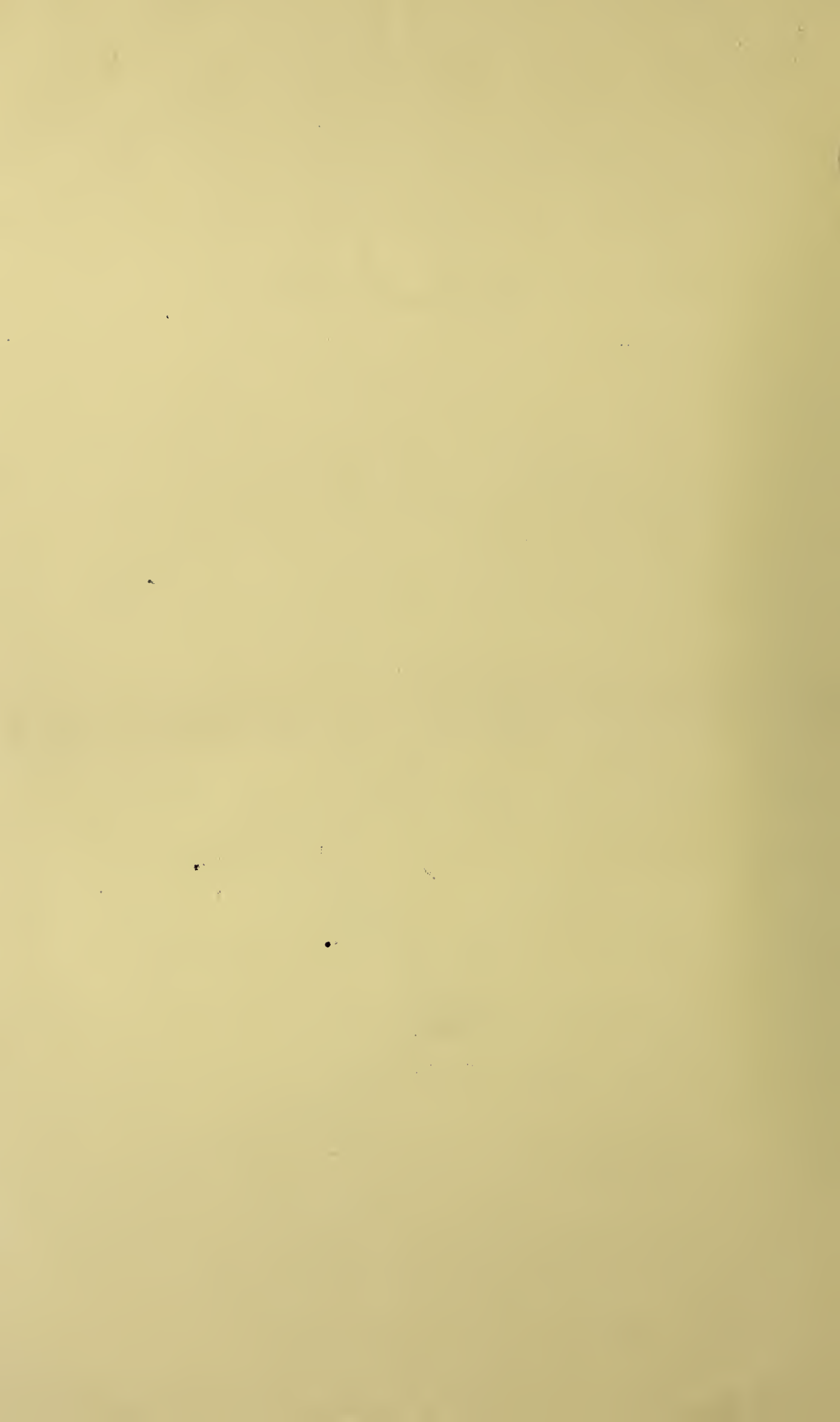
A N N U A L R E P O R T

O F T H E

M E D I C A L O F F I C E R O F H E A L T H

F O R T H E Y E A R

1939.



P E N A R T H U R B A N D I S T R I C T C O U N C I L.

CHAIRMAN :-
Councillor H. J. Cook. J.P.

VICE-CHAIRMAN :-
Councillor W. A. Pritchard, M.C.

M E M B E R S -

Coun. J. W. Jones.	Coun. G. Hallett.
" G. A. Moon .	" A.C.J.White.
" G. Barrett .	" W. R. Jeffcott.
" A.C.Davies.	" A. Brockington.
" F.R.Cratchley.	" K.S.Lewis.

CLERK TO THE COUNCIL -

THOS: JOHN, ESQ.

PUBLIC HEALTH COMMITTEE.

CHAIRMAN -

Councillor G. Barrett.

MEMBERS

All the Members of the Urban District Council.

MATERNITY AND CHILD WELFARE COMMITTEE.

All Members of the Council
with Co-opted Members.

Mrs John Gibbs.	Mrs J. Thomas
Mrs W.S.Angove	Miss L.M.S.Reavley
Mrs Maillard	Mrs L. Gibbs.

INSTITUTE -

"CATHERINE JENKINS," BEECROFT, PENARTH.

Caretakers-

Mr. and Mrs Francis Cobb.

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Journal of Management Studies, 19(1), 67-80.

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1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

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GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

PUBLIC HEALTH OFFICERS.

Medical Officer of Health.
Medical Officer to Isolation Hospital, and Medical Officer to
Child Welfare.

CHARLES A. JONES, M.R.C.S. (Eng.), L.R.C.P. (Lond.).

(Part-time Officer).

Chief Sanitary Inspector.

A. H. MOUNTAIN, A.R.San.I., S.R.I.B.A.,
Cert. Meat Insp. Royal San. Inst.

Additional Sanitary Inspector.

J.G.C.SHORT, Cert. S.I.B., M.S.I.A.
Cert. Meat Insp. Royal San. Inst.

HEALTH VISITOR.

Miss L. E. Isaacs, S.R.N. S.C.M.

For Portion of Year.

Miss Alice Davies, S.R.N., C.M.B.

Isolation Hospital Llandough.

Matron.

Miss Hilda Gwynn.



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P E N A R T H U R B A N D I S T R I C T C O U N C I L.

To the CHAIRMAN & MEMBERS of the
PENARTH URBAN DISTRICT COUNCIL.

Gentlemen,

I have the honour to submit for your consideration my ANNUAL REPORT for 1939, on the Public Health of Penarth. The report is drawn up on the lines indicated in the memorandum issued by the Ministry of Health.

During the year the Council took over from the Red Cross Association the running of their ambulance service, and residents of Penarth are now removed to hospital and nursing homes free of charge.

VITAL STATISTICS.

The Ministry's figures show that the population remains the same, but according to the figure obtained from the National Registration the population has increased to 17,100. The death rate has increased from 11.8 to 13.2, but the infantile mortality rate has fallen from 54 to 41 deaths per 1000 births registered. There were 2 deaths from diphtheria, and one from whooping Cough, but there were no deaths from infantile diarrhoea or puerperal fever.

DIPHTHERIA.

Diphtheria was very prevalent during the first quarter of the year, and then greatly subsided.

MILK.

Constant attention was given to the milk supply, and many unsatisfactory samples were obtained, the attention of the producers and retailers were drawn to this, and the matter was carefully followed up.

The amount of money expended on the distribution of free milk to expectant mothers, and children under 5 years of age was £378-13-3.

During the year no houses for the working class were erected, but there is still a great need for them.

I have the honour to remain
Your obedient servant

Chas. A. Jones

MEDICAL OFFICER OF HEALTH

PHYSICAL FEATURES.

The Urban District of Penarth comprises the parishes of Penarth, Cogan and Llandough, the latter parish having rural characteristics.

The geological structure of the District is made up as follows:-

Red and Grey Marls.....	1,024	acres
Lower Lias.....	807	"
Estuarine Mud.....	250	"
Rhaetic.....	122	"
Foreshore.....	305	"
	<u>2,508</u>	"

The elevation above sea level is 200 feet in the northern portion of the area, with a gentle slope to 40 feet at its southern boundary.

The eastern and a portion of the northern boundaries are washed by the waters of the Bristol Channel, which pursues its course towards the southern boundary, therefore any winds between a north-easterly and a south-easterly point come across the channel.

The district is exceptionally well wooded, its streets being for the most part avenues of trees, which in the summer afford a welcome shade.

It is well provided with modern public swimming baths, recreation grounds, parks, and open spaces, and possesses to the fullest extent all the conveniences and comforts so desirable in both a residential locality and a summer seaside resort, combining all the advantages of a modern well equipped town with the charm of country life and the healthy breezes of the seaside.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres), including 305 acres of foreshore.....	2,508
Population (Census 1931).....	17,710
" (Resident estimated by Ministry 1939)	
For compiling Birth Rate.....	16,030
For compiling Death Rate.....	16,280
Number of inhabited houses (1939) according to rate books.....	4,167
Rateable Value (1939)	£126,501
Sum represented by 1d Rate.....	£476

VITAL STATISTICS.

		TOTAL	M	F	
Live Births.	(Legitimate	187	94	93	Birth rate per 1000 of estimated resident population.....12.13
	(Illegitimate	7	4	3	
Still Births.	(Legitimate	4	2	2	Rate per 1000 Total (live and still births)....12.3
	(Illegitimate.	-	-	-	
Deaths	...	225	135	95	Death rate per 1000 of the estimated resident population.....13.2

Deaths from Puerperal Causes:-

	Deaths	Rate per 1000 Total
Puerperal Sepsis	0	(live and still) Births
Other Puerperal Causes	0	0
TOTAL	0	0

Death Rate of Infants under one year of age:-

All Infants per 1000 live births	...	41
Legitimate Infants per 1000 live births	...	42
Illegitimate Infants per 1000 live births	...	36
Deaths from Measles (all ages)	...	0
Deaths from Whooping Cough (all ages)	...	1
Deaths from Diarrhoea (under 2 years of age)	...	0

Table i. shows the Births & Death rates for the past ten years in England and Wales, Glamorgan and Penarth.

TABLE 1.

		BIRTHS				DEATHS			
Year	Esti- mated Popu- lation	No.	Birth Rate per 1000 Population.			Under 1 Year		At all ages	
			Penarth	England & Wales	Glamor- gan	No	Infan- tile Mortal- ity Rate Per 1000 Births Reg:	No	Rate
1929	18490	268	14.5	16.3	17.1	15	56	179	9.7
1930	18490	246	13.3	15.8	15.8	10	41	181	9.8
1931	17550	211	12.0	15.8	16.8	15	71	190	10.8
1932	17700	243	13.7	15.3	16.4	7	29	172	9.7
1933	17480	194	11.1	14.4	16.0	9	46	199	11.3
1934	17360	229	13.1	14.8	16.5	11	48	210	12.0
1935	17110	208	12.1	14.7	16.0	11	53	218	12.7
1936	16380	207	12.2	14.8	15.4	11	53	181	10.7
1937	16420	200	12.2	14.9	15.3	16	80	209	12.7
1938	16080	202	12.6	15.1	15.4	11	54	189	11.8
Av for 10 yrs	17351	220	12.6	15.1	16.0	11	53	192	11.1
1939	16030	193	12.0	15.0	13.1	0	41	225	13.8

I am indebted to the County Medical Officer of Health for the statistics in Tables 1 and 11 which shows Birth & Death and Infant Mortality Rates in England and Wales, Glamorgan and the Urban Districts of Glamorgan.

T A B L E 11.

DISTRICT	Total No of Births	Deaths Under 1 Year	Rate per 1000 Births,
England and Wales	-	-	50
Administrative County of Glamorgan	11068	665	60
<u>URBAN DISTRICTS:-</u>			
ABERDARE	615	31	50
BARRY	660	25	38
BRIDGEND	230	5	22
CAERPHILLY	637	42	66
COWBRIDGE	14	-	-
GELLIGAER	692	50	72
GLYNCORRWG	174	10	57
LLWCHWR	369	16	43
MAESTEG	361	31	84
MOUNTAIN ASH	543	45	82
NEATH BOROUGH	414	17	41
OGMORE & GARW	373	19	50
PENARTH	193	8	41
PONTYPRIDD	546	37	67
PORTHCAWL	106	3	28
PORT TALBOT BOROUGH	659	53	80
RHONDDA	1759	121	68
Total for Urban Districts	8345	513	889

T A B L E 111.

CAUSES OF DEATH DURING 1939.

CAUSE OF DEATH	MALE	FEMALE.
1. Typhoid and Paratyphoid Fevers	-	-
2. Measles	-	-
3. Scarlet Fever	-	-
4. Whooping Cough	-	1
5. Diphtheria	2	-
6. Influenza	3	1
7. Encephalitis Lethargica ...	-	-
8. Cerebro-Spinal Fever ...	-	-
9. Tuberculosis of Respiratory System.	8	3
10. Other Tuberculosis Diseases	-	1
11. Syphilis	1	-
12. General Paralysis of the insane Tabes... ..	-	-
13. Cancer, Malignant Disease...	21	10
14. Diabetes	3	-
15. Cerebral Haemorrhage, etc ...	7	8
16. Heart Disease	33	36
17. Aneurysm	1	-
18. Other Circulatory Diseases	3	11
19. Bronchitis	3	4
20. Pneumonia (all forms) ...	1	2
21. Other Respiratory Diseases	3	-
22. Peptic Ulcer	3	-
23. Diarrhoea, etc (under 2 years)	-	-
24. Diarrhoea, etc (2 years & over)	-	-
25. Appendicitis	2	-
26. Cirrhosis of Liver	-	-
27. Other Diseases of Liver ...	-	1
28. Other Digestive Diseases ...	2	-
29. Acute & Chronic Nephritis...	5	4
30. Puerperal Sepsis	-	-
31. Other Puerperal Causes ...	-	-
32. Congenital Debility and Malformation, Premature Birth etc	4	-
33. Senility	3	3
34. Suicide	3	1
35. Other Deaths from Violence	5	1
36. Other Defined Diseases ...	14	8
37. Ill Defined or Unknown Causes	-	-
ALL CAUSES	130	95

LABORATORY FACILITIES.— The following Pathological and Bacteriological Examinations were made at the Cardiff and County Public Health Laboratory for the year.

Pus (Tuberculosis)	...	...	...	...	1
Urine do	...	...	...	...	1
Sputum do	...	...	...	...	13
Swabs (Diphtheria)	...	...	...	...	531
Water (Bacteriological Examination)	...	...	...	...	2
Water (Chemical Examination.)	...	...	...	...	2
Milk (Ordinary)	...	...	...	...	48
Milk Designated	...	...	...	...	83
Brucella Abortus	...	...	...	...	1
Blood ? Enteric	...	...	...	...	1
Blood ? Malaria	...	...	...	...	1
Water (Bacteriological Examination (Swimming-Baths)	...	...	...	...	2
Water (Chemical Examination	...	...	...	...	2
Meat	...	...	...	...	1
Cooked Meat & Kidney	...	...	...	...	1
Potatoes & Gravy	...	...	...	...	1

A. HOSPITALS PROVIDED BY THE LOCAL AUTHORITY.

FEVER.— Situate at Llandough and consisting of
An Administrative Block.
An Observation Block, 8 beds.
Two Wards with accommodation for 16 patients
Large Army Hut fitted up with Bath and Sanitary conveniences.

8 Scarlet Fever, and 74 Diphtheria cases were treated during the year. It is quite sufficient for all the requirements of the district.

SMALL POX. Arrangements have been made with the Cardiff City Authorities for the removal and treatment of any cases of Small-pox which may occur in the district.

B. There are no Hospitals in the District for the treatment of Tuberculosis, Maternity, Children etc., but advantage is taken of the proximity of the City of Cardiff, which is well provided with large up to date Hospitals.

A large modern General Hospital situate at Llandough is within this district. It is provided by the Cardiff City Council for the treatment of acute surgical and medical cases, and contains 340 beds.

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SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY:- The district is within the area of supply of the City of Cardiff. It is an upland surface water from the Brecknock Beacons, and the service is constant.

By arrangement with the County Council samples are taken to the County Laboratory for Chemical and Bacteriological examination. Two routine samples were taken for chemical and bacteriological examination.

REPORTS ON THE EXAMINATION OF WATER SAMPLES, 1939.

					<u>CHEMICAL.</u>	
					27-4-39	6-12-39
Total Hardness	...	...	...	...	2.0	2.8
Chlorine	...	...	...	...	.9	.7
Nitrogen as Nitrates	...	...	...	...	Nil	Nil
Saline (or "Free") Ammonia	...	...	...	...	.0006	.0006
Organic (or "Albuminoid") Ammonia	...	...	...	...	.0022	.0018
Poisonous Metals	..	...	...	...	Nil	Nil
Nitrates	...	...	...	...	Nil	Nil
Phosphates	..	...	...	...	Nil	Nil
Microscopic examination of the sediment,					Practically Nil. Animate forms rare.	Practically Nil. Animate forms rare.

BACTERIOLOGICAL.

					27-4-39	6-12-39
Bacteria developing per m.l. at 20°C					60	nil
Bacteria developing per m.l. at 37°C					2	6
B. Coli present in					-	50
B. Coli absent from					50	10 m.l.
REMARKS					Satisfactory	Fairly Satisfactory

SCHOOLS.

Situate in the District are the following Schools:-

Penarth Intermediate
Victoria Council School
Albert Road Council School
Cogan Council School
Penarth R. C. (St. Joseph's)
Penarth Church of England
Llandough Church of England.

The whole of the Schools are provided with a constant supply of pure water, good drainage and sanitary fittings, urinals, etc., which are flushed with automatic flushing tanks.

ERADICATION OF BED BUGS.

Owing to the infestation of bed bugs, the Council has found it necessary to make provisions for the disinfection at the minimum charge of £1-1-0 per house. The eradication of the bug is brought about after the removal of all infested woodwork with the aid of special preparations.

1.	Number of Council Houses infested	-
	Number of Council Houses disinfested	-
2.	Number of other Houses infested	14
	Number of other Houses disinfested	14

INSPECTION AND SUPERVISION OF FOOD SUPPLIES. - MILK.

MILK SUPPLY. There are 42 retailers of milk registered in the district. They are frequently inspected, and all are required to provide proper dairy facilities for cleansing all utensils, etc.

The following persons are engaged in the production, sale or distribution of milk within the district:-

PRODUCERS.....	7
PRODUCER - RETAILERS.....	3
RETAILERS OF MILK AND	
MILK SHOP KEEPERS.....	22
NON-RESIDENT RETAILERS....	10

Close supervision is maintained by the Inspectors on dairies, cowsheds and on the persons engaged in the milk trade.

SALE OF MILK UNDER SPECIAL DESIGNATIONS.

- 3 Establishments are licensed for bottling and selling T. T. Milk.
- 3 Establishments are licensed to sell T. T. Milk.
- 3 Establishments are licensed to sell Pasteurised milk.
- 131 samples were taken to the Cardiff and County

Laboratory for Bacteriological Examination.

FARMS.

There are 10 farms situate in the district. Seven farm cow sheds are fitted with modern drinking bowls for each cow from a constant water supply.

The floors and stalls have been remodelled at ~~one~~ farms.

MEAT, etc.

All the shops and vehicles to which meat regulations apply were frequently inspected, including 20 retail butchers shops, which are kept in good condition.

SLAUGHTER HOUSES AND MEAT INSPECTION.

P.H. (Meat) REGULATIONS 1924.

The inspection under the above regulations of the meat of animals killed in the district is complete. This however comprises only a very small proportion of the total quantity consumed, and much is brought in from surrounding districts. On several occasions such meat has been found to be exposed for sale in an unfit state necessitating seizure.

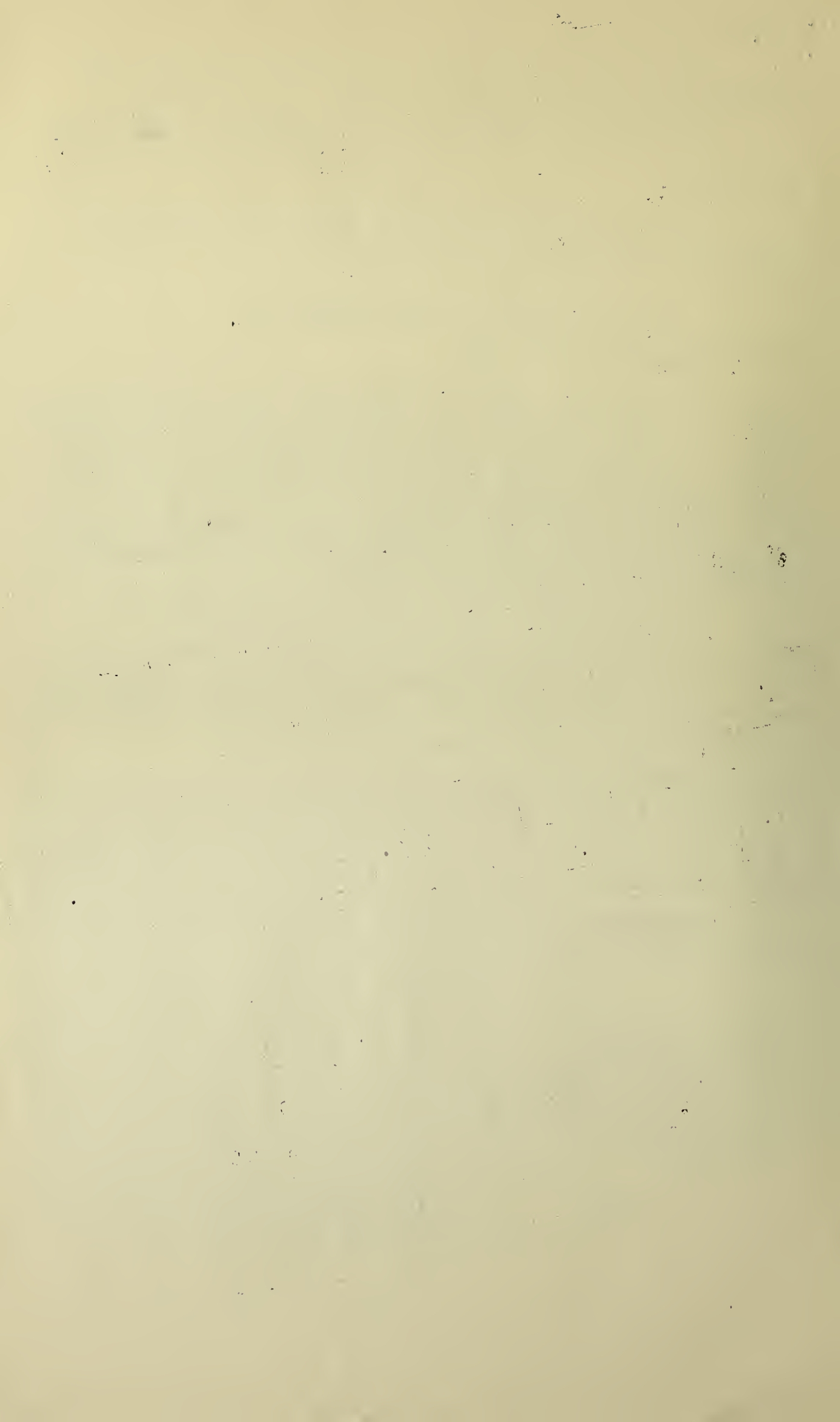
There are two private slaughter-houses in the Town both of which are licensed. The following list indicates the number of animals killed and the diseases found.

The following is a list of animals slaughtered:-

No.	BULLS	STEERS	COWS	HEIFERS	CALVES	ALL CATTLE	SHEEP	PIGS
	0	10	0	76	82	168	1573	363
Instances in which Tuberculosis was found:-								
No.	BULLS	STEERS	COWS	HEIFERS	CALVES	ALL CATTLE	SHEEP	PIGS
	0	0	0	5	0	5	0	1
Per-centage	0.0	0.0	0.0	6.5	0.0	6.5	0.0	0.2

Approximate weight of diseased or unsound meat surrendered and destroyed by arrangement with Owners, viz:-

	No	Tons	Cwt	Qrs	Lbs
Carcases of Beef	4	0	12	3	25
Carcases of Mutton	1	0	0	0	25
Part carcases of beef	6	0	3	0	2
Part carcases of sheep	24	0	1	3	2
Part carcases of pork	2	0	0	0	14
Offals Cattle	0	0	1	3	22
Offals Pigs	0	0	0	0	16
TOTAL		1	0	0	22



INFECTIOUS DISEASE GENERALLY.

During the year there were 16 cases of Scarlet Fever, 8 of which were removed to hospital. 91 cases of Diphtheria were notified and 74 were removed to the Isolation Hospital; of the remaining 17 cases, 16 were notified from Llandough Hospital, and 1 case was treated at home as a "carrier".

VACCINATION.

The number of children vaccinated by your Medical Officer of Health as Public Vaccinator was 37, and 4 revaccination. There were exemptions obtained by parents under the conscientious objection clauses.

DISINFECTION.

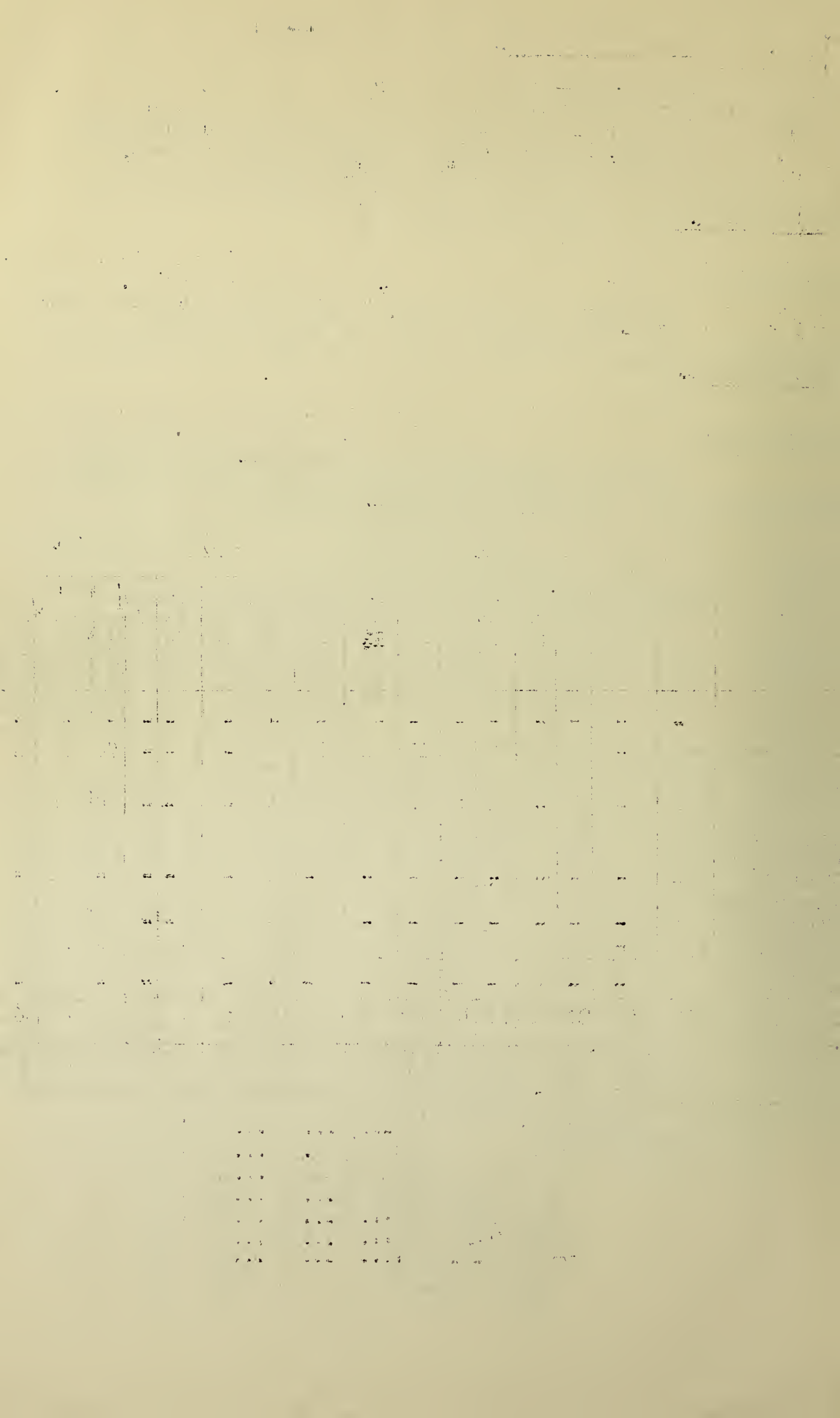
There were 82 patients removed to hospital; 32 rooms were disinfected after infectious disease, and 20 bags of bedding and clothing were treated in the Steam Disinfector.

T A B L E VII.
NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING 1939.

DISEASES	All Ages	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	Over 65	Admitted to Hospital	Notified By Llan- dough.	Treated at home
Small Pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	91	-	2	1	3	4	45	21	10	5	-	-	-	74	16	1
Scarlet Fever	21	-	1	-	1	3	9	4	1	1	-	-	-	8	5	8
Enteric Fever (including) Paratyphoid	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
Puerperal Pyrexia	8	-	-	-	-	-	-	-	2	4	2	-	-	1	3	4
Pneumonia	235	27	23	17	16	8	22	12	13	34	19	35	9	3	221	11
Erysipelas	2	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-
TOTALS	358	27	26	18	20	15	76	37	26	45	22	37	9	86	247	24

OPHTHALMIA NEONATORUM.

Cases notified	...	...	...	3
Cases treated at home	..	...	...	3
Cases treated in hospital	...	...	...	0
Vision Unimpaired	...	...	...	3
Vision Impaired	...	...	...	0
Total Blindness	...	...	...	0
Deaths	...	....	...	0



T A B L E Vlll
T U B E R C U L O S I S

NEW CASES					DEATHS.			
Age Periods	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1	-	-	-	-	-	-	-	-
1 - 5	-	-	-	-	-	-	1	1
5--10	-	-	3	3	-	-	-	-
10 -15	-	-	-	-	-	-	-	-
15 -20	2	-	-	-	1	-	-	-
20 -25	-	1	-	-	-	1	-	-
25 -35	2	3	-	-	1	3	-	-
35 -45	1	1	-	-	1	1	1	-
45 -55	3	1	-	-	2	1	-	-
55 -65	1	1	-	-	1	-	-	-
65 and Upwards	1	-	-	-	1	-	-	-
TOTALS	16	7	3	3	7	5	2	1
	23		6		12		3	

The Tuberculosis Physician Dr Gilchrist has kindly compiled the following Table in connection with the treatment of Tuberculosis during the year 1939:-

Number of New cases seen	98
Number found to be suffering from Pulmonary Tuberculosis	14
Number found to be suffering from Non-Pulmonary Tubercle	5
Number with no evidence of Tubercle	74
Number under observation	5

ADMISSIONS TO TREATMENT.

	PULMONARY								NON PULMONARY							
	1-5 Years		5-15 years		15 & over		All ages		1-5 years		5-15 years		15 & over		All ages	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Institutional	-	-	-	-	13	5	18		1	-	1	1	-	-	3	
Domicilliary	-	-	-	-	-	-	-		-	-	-	-	-	-	-	
Dispensary	-	-	-	-	3	1	4		1	-	1	1	1	-	4	
TOTALS	-	-	-	-	16	6	22		2	-	2	2	1	-	7	

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS 1925.

No person suffering from Tuberculosis was found to be engaged in the production of milk.

